

ABSTRACT OF THE DISCLOSURE

A cathode ray tube device has a vacuum envelope including a panel, a funnel and a neck. A deflection yoke is mounted to a yoke-mounting portion of the funnel. The deflection coil includes a horizontal deflection coil, a vertical deflection coil, a separator provided between the coils, and a hollow core surrounding the coils. The sectional shape of at least an outer surface of the hollow core varies from a circular shape to a substantially barrel shape, along the tube axis from the neck side to the panel side. The substantially barrel shape has a maximum dimension at least in a direction of the horizontal axis or the vertical axis.